

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

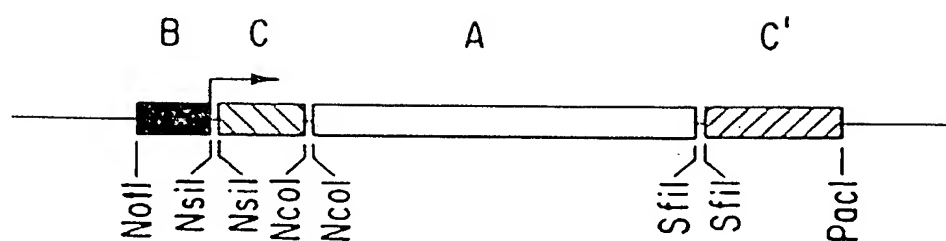


FIG. 1

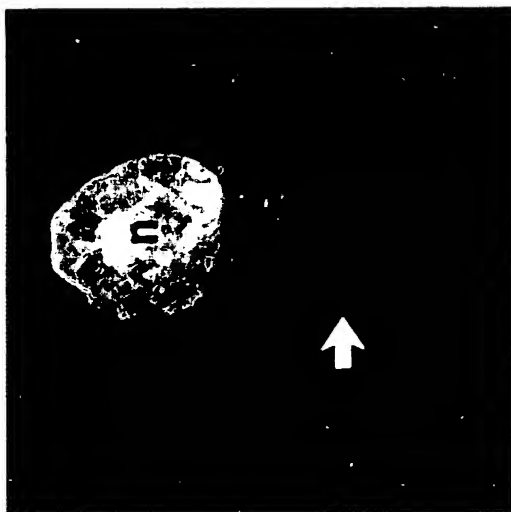


FIG. 2B

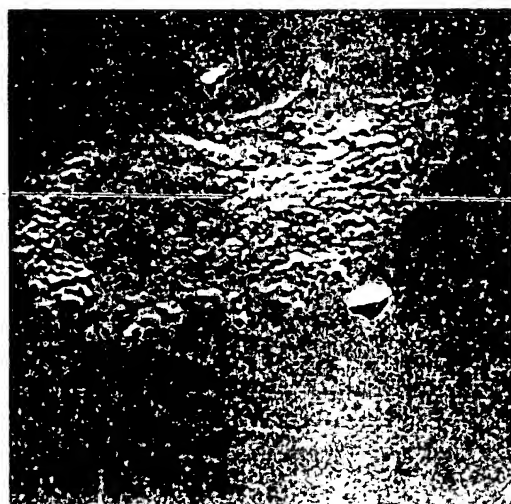


FIG. 2A



FIG.3A

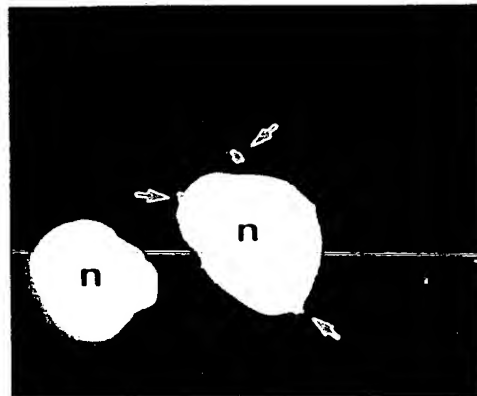


FIG.3B

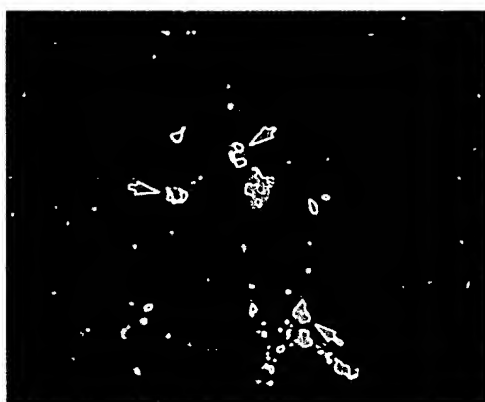


FIG.3C

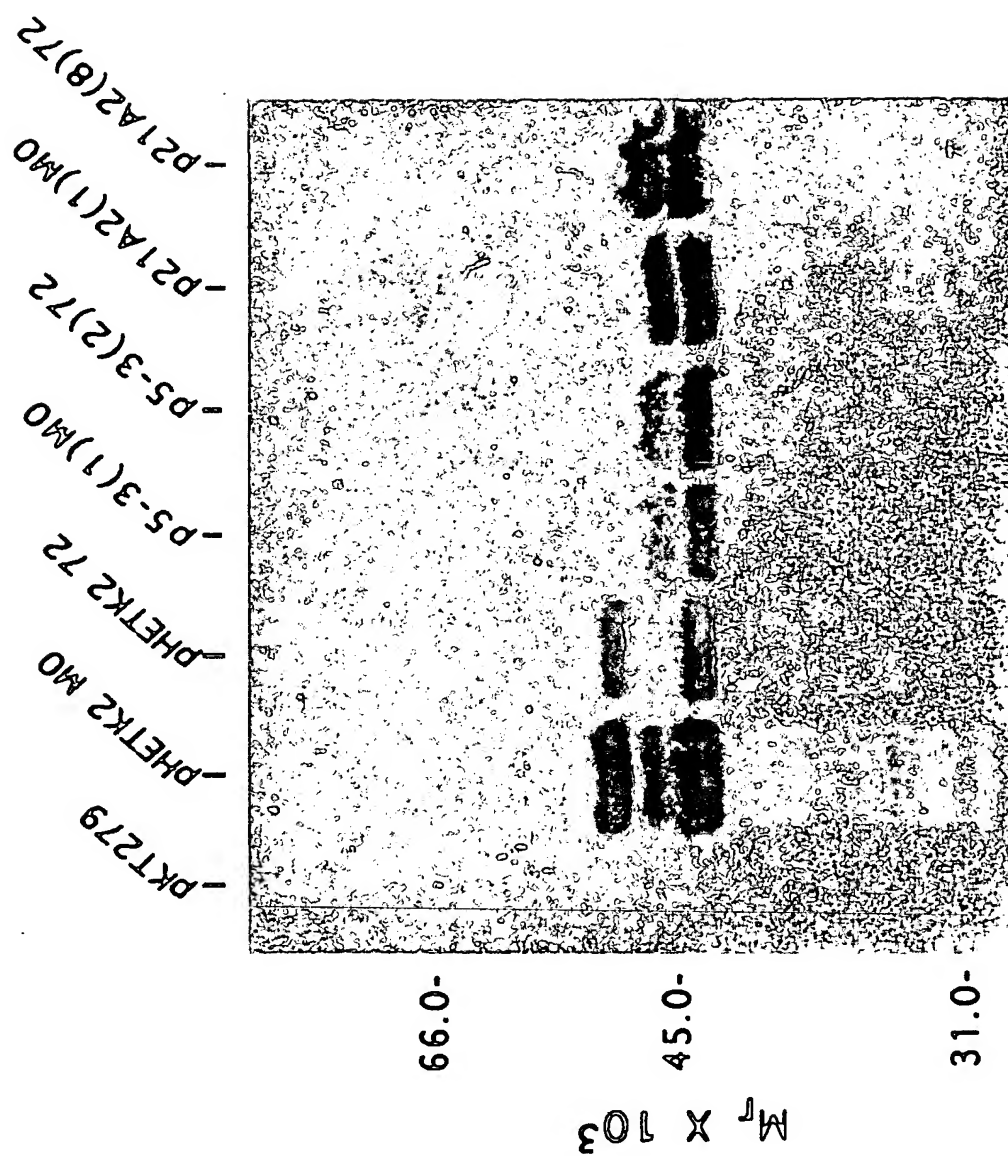


FIG.4A

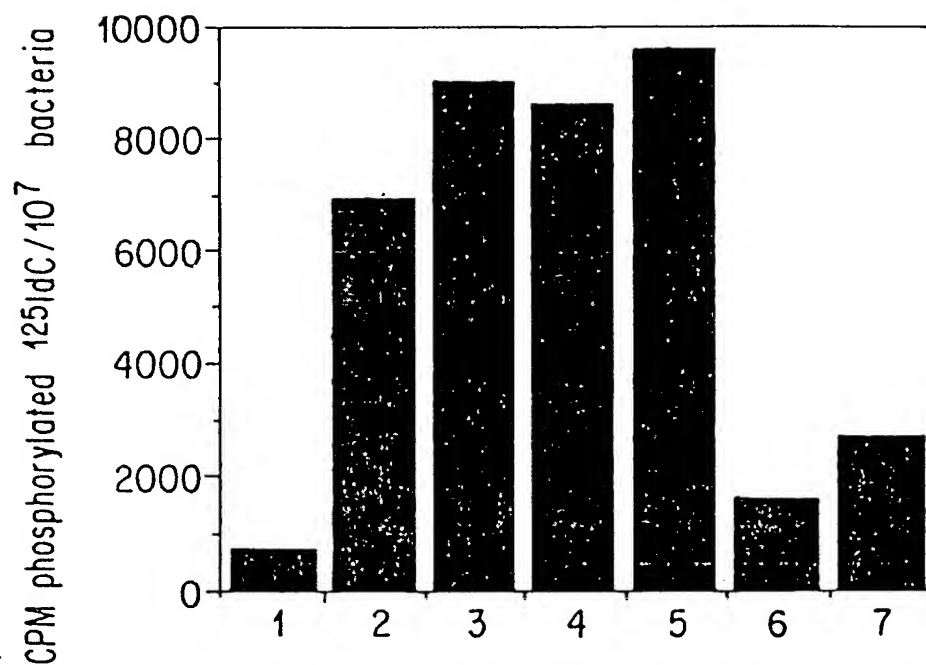
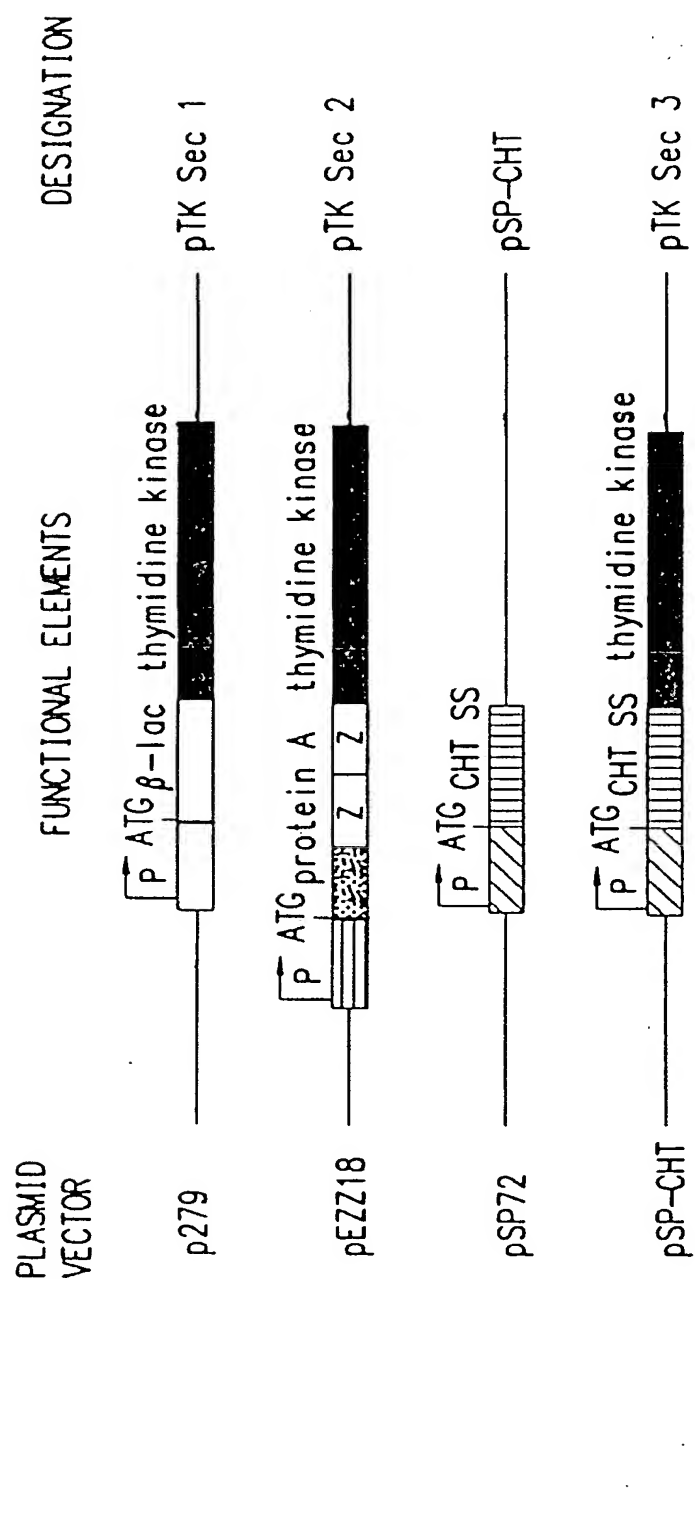
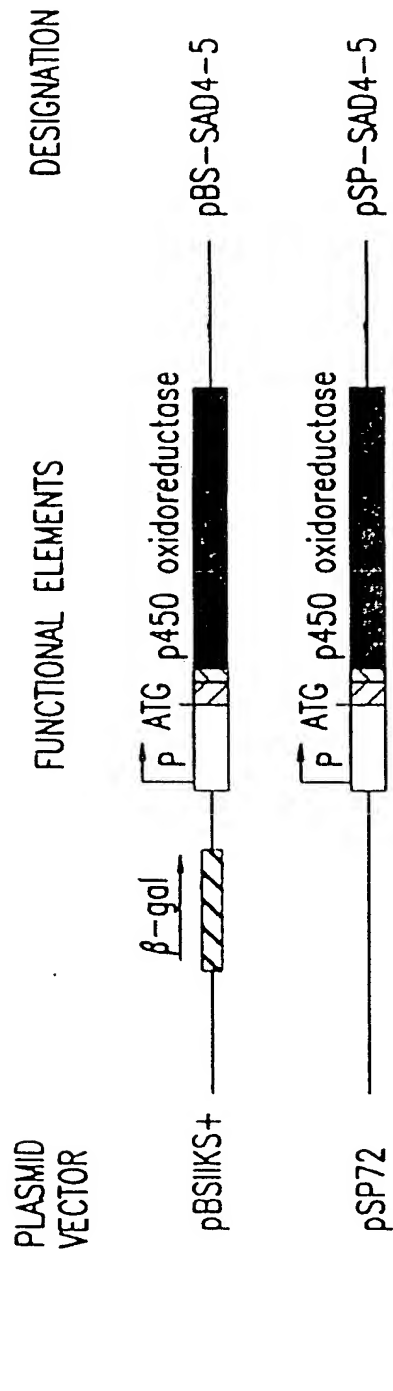


FIG. 4B



- = β-lactamase promoter
- = lac I promoter
- = chitinase promoter
- = protein A signal sequence
- = chitinase signal sequence
- = promoter transcriptional initiation
- = protein A IgG binding domain
- = thymidine kinase

FIG.4C



= *suIA* promoter

= *suIA* promoter transcriptional initiation

= first 10 amino acids of *suIA*

= amino acids from polylinker

= p450 oxidoreductase

= β-galactosidase transcriptional orientation

FIG.4D



FIG.4E

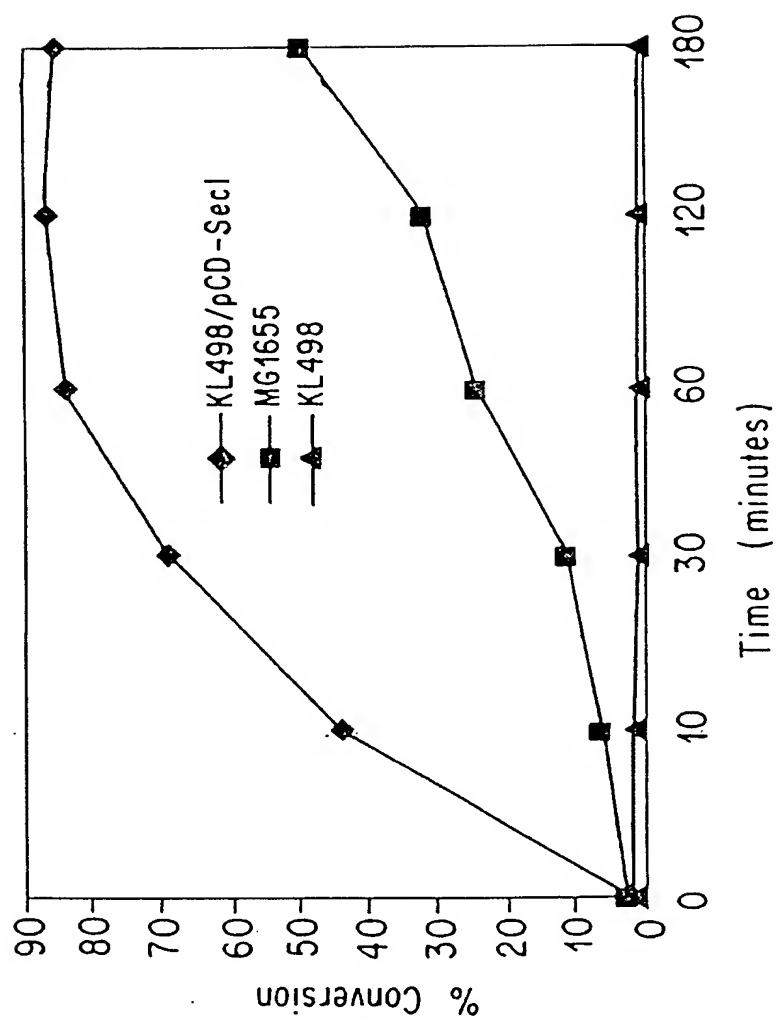


FIG. 4F

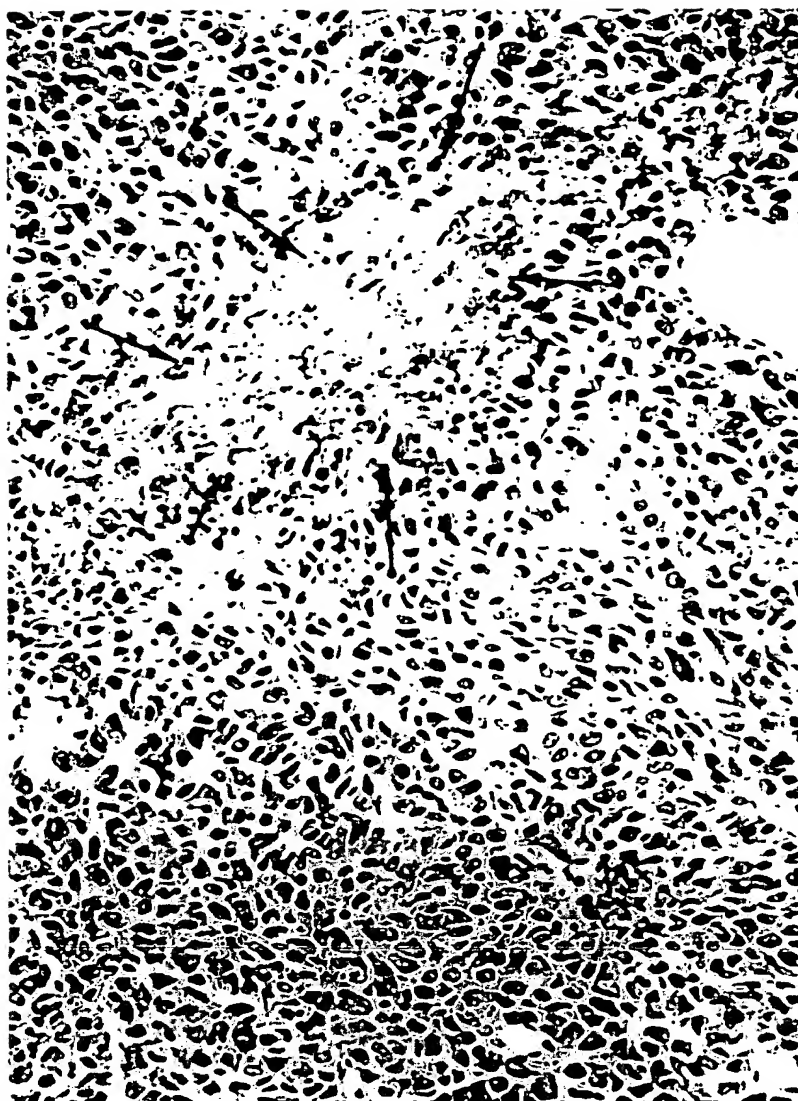


FIG.5A

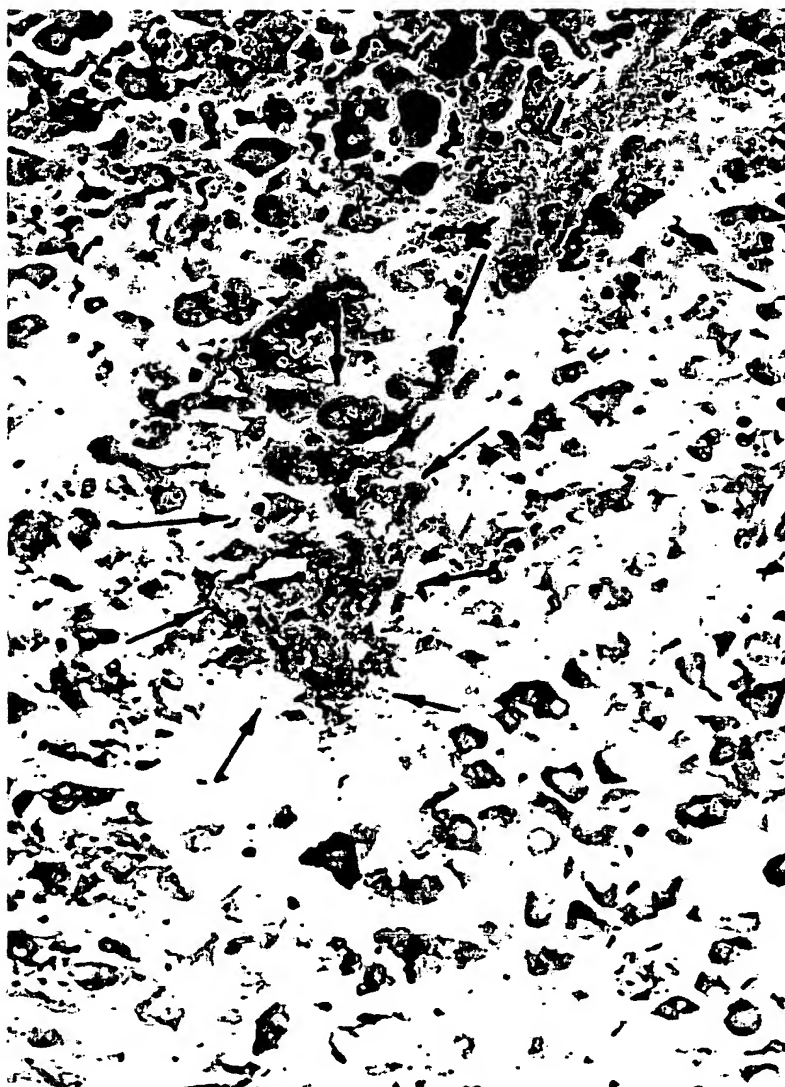


FIG. 5B

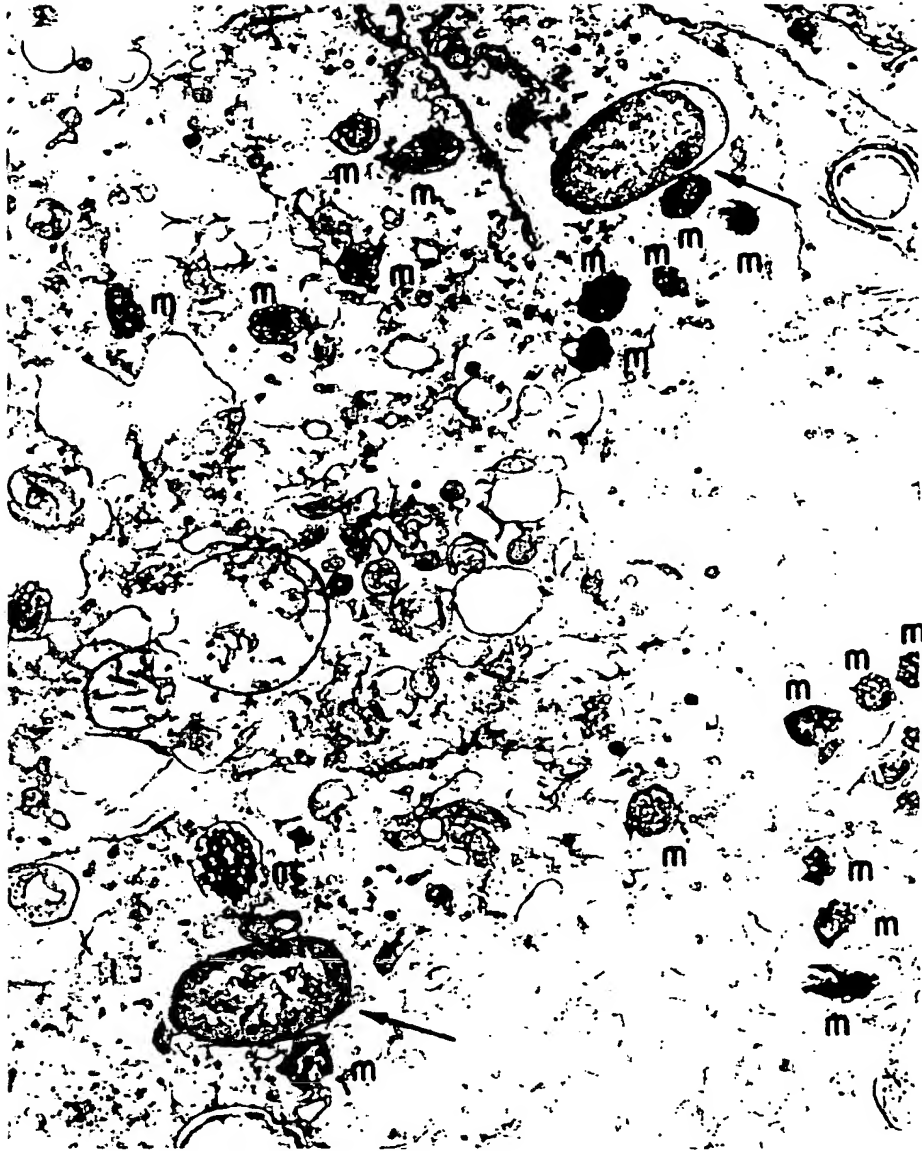


FIG.6

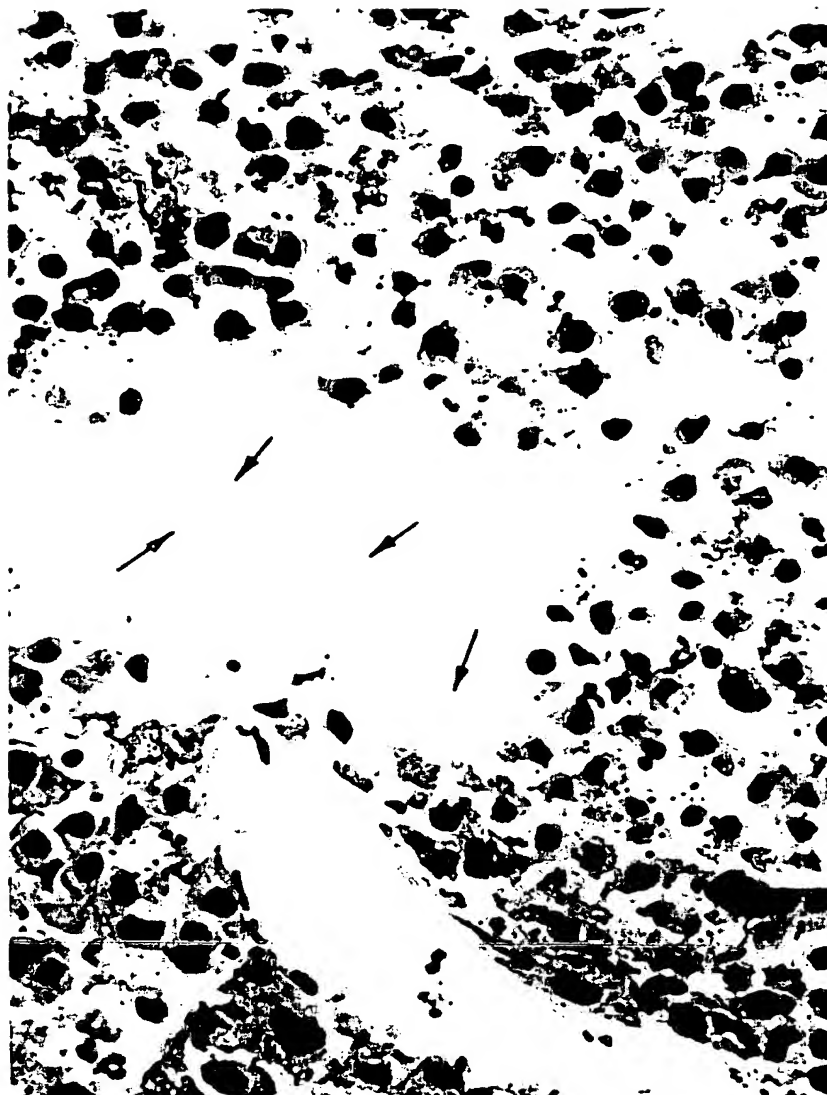


FIG.7

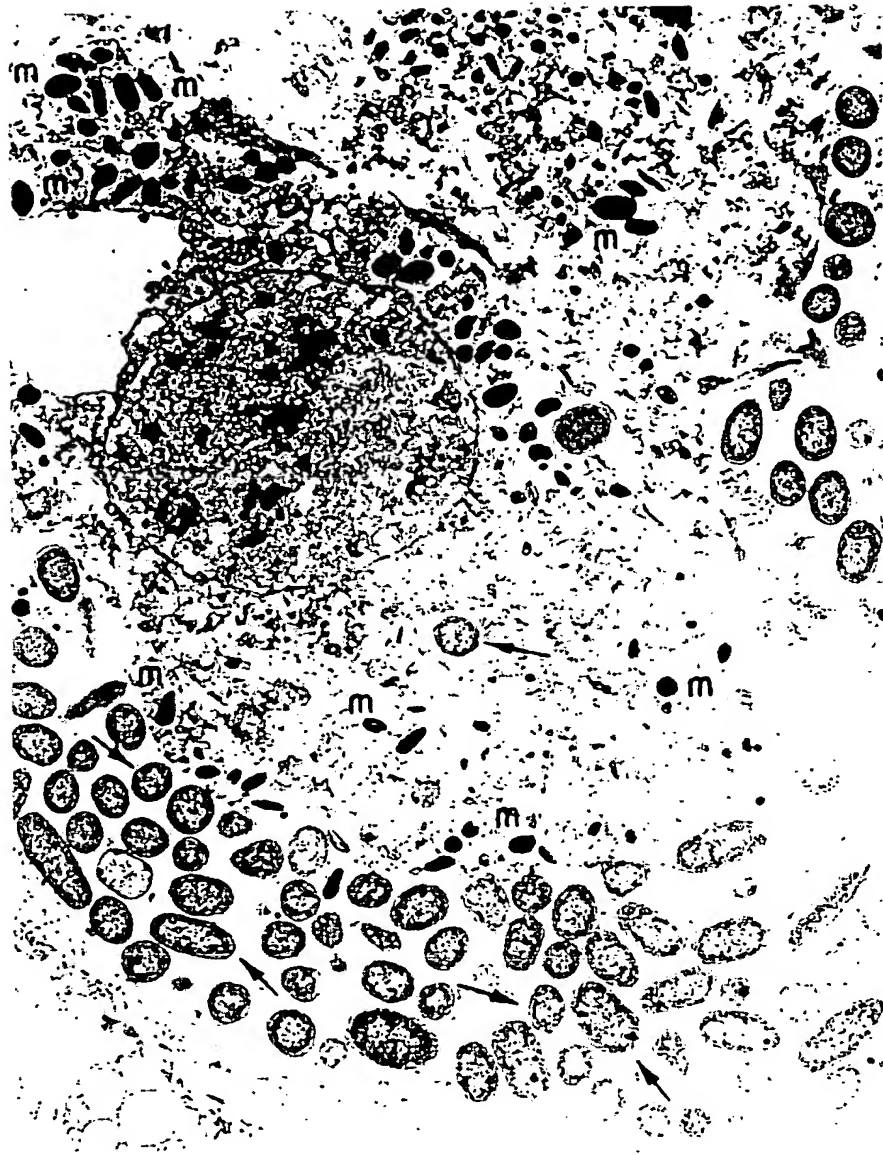


FIG.8

Cloudman S91 Tumor Growth

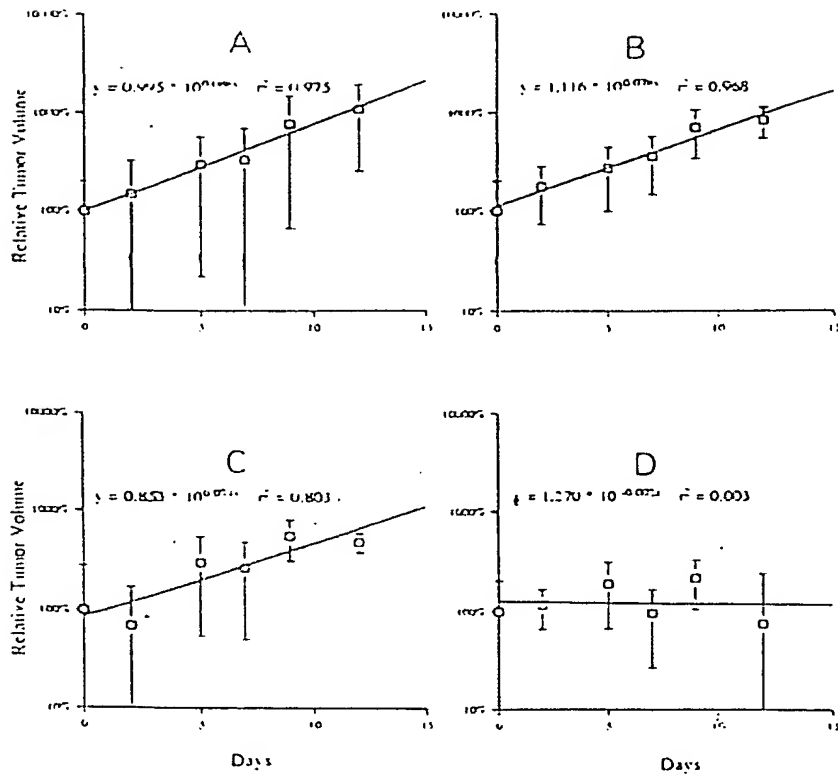
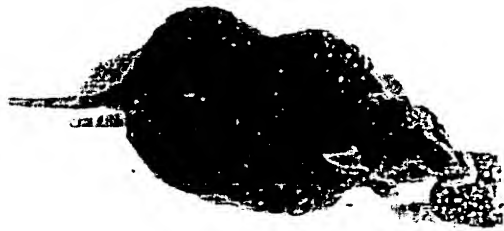


FIG. 9

10/15/1993
10/15/1993
10/15/1993



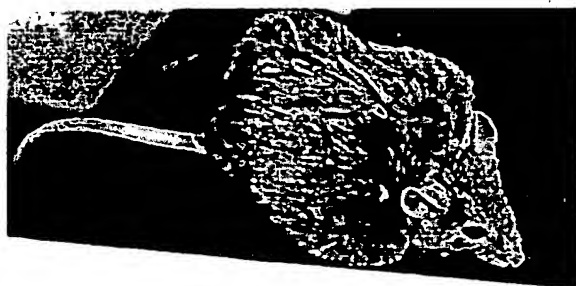
CONTROL

FIG.10A



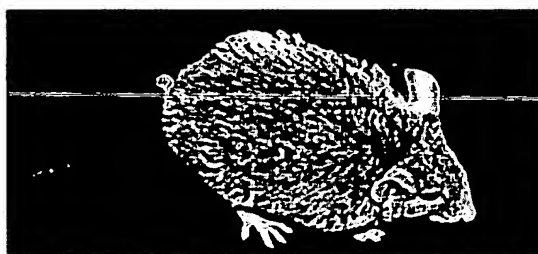
VECTOR (10 DAYS)

FIG.10B



CONTROL+ GCV

FIG.11A



TK VECTOR + GCV

FIG.11B

19 / 3 7

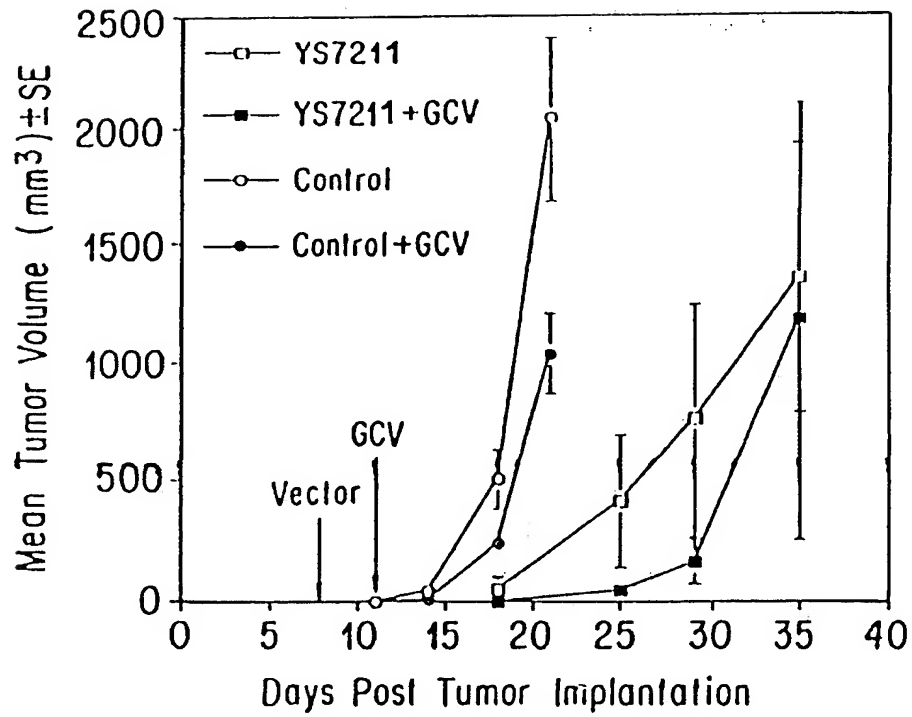


FIG.11C

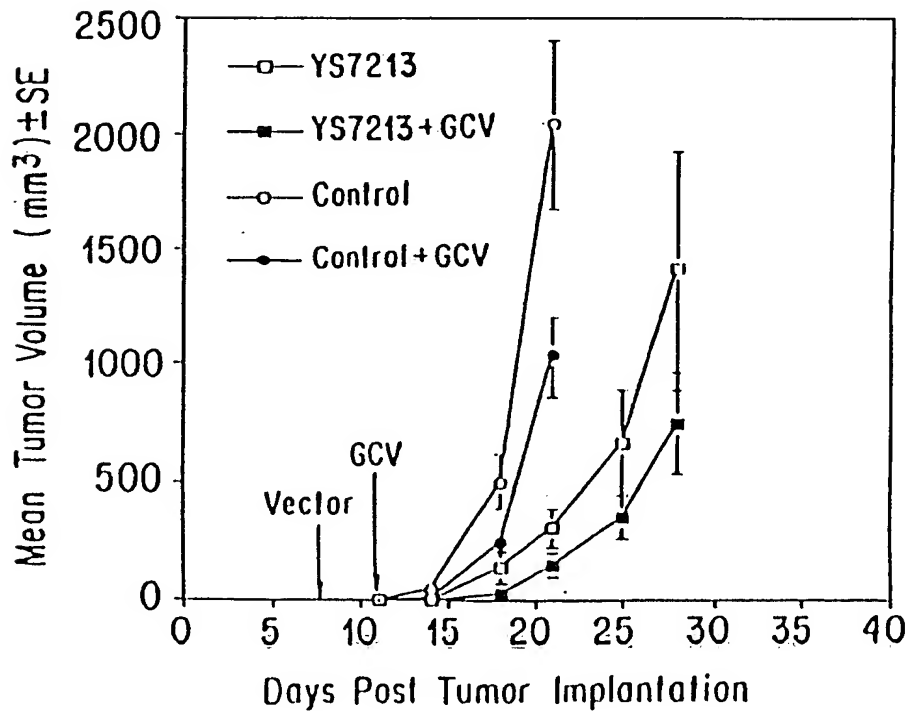


FIG.11D

20 / 3 7

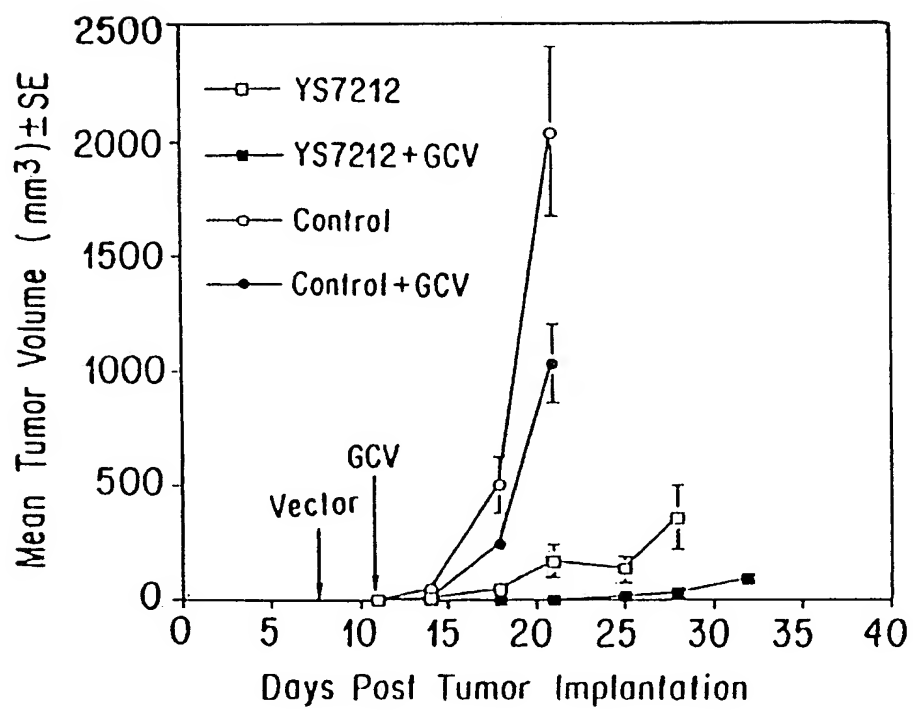


FIG.11E

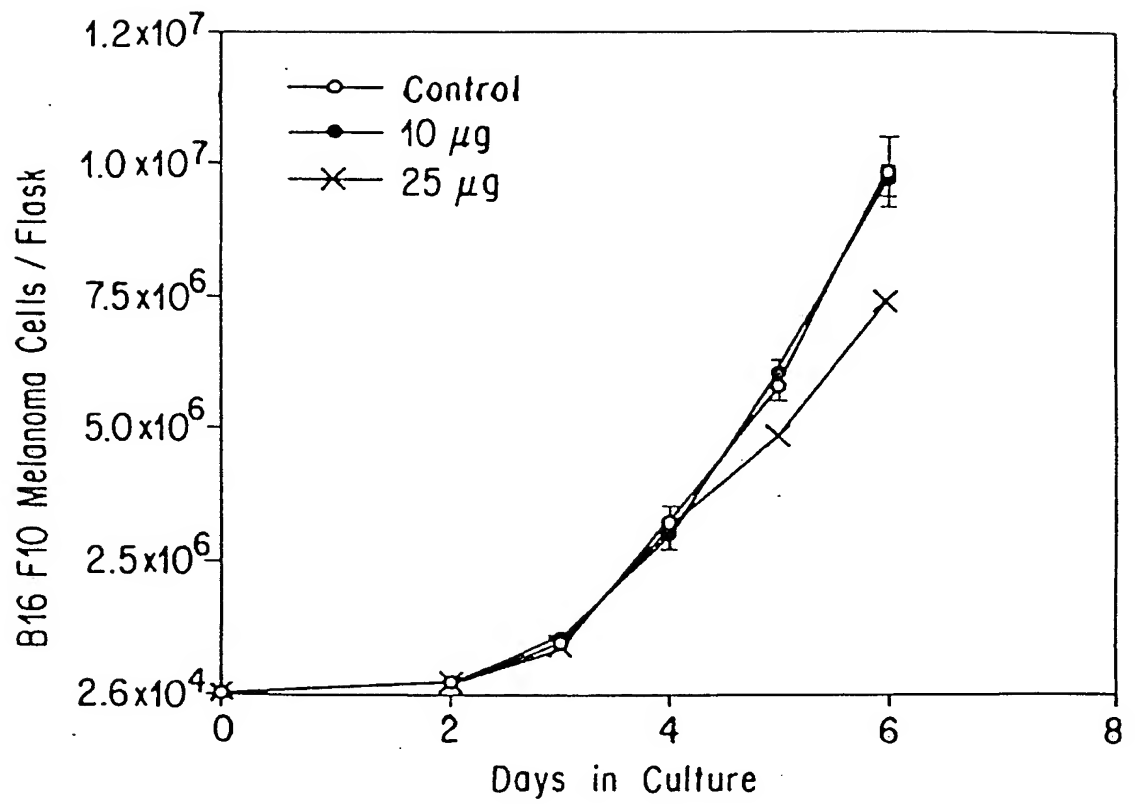


FIG. 11F

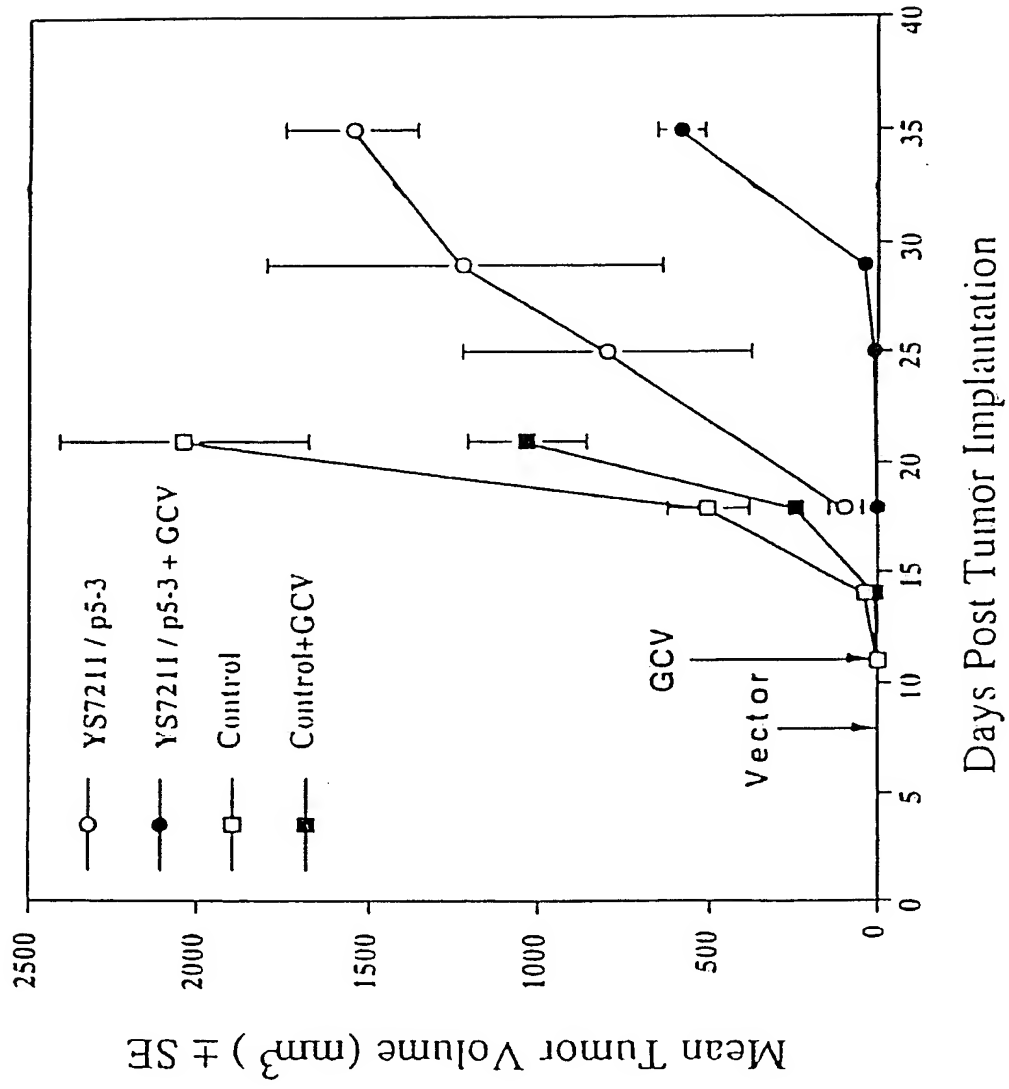


FIG.11G

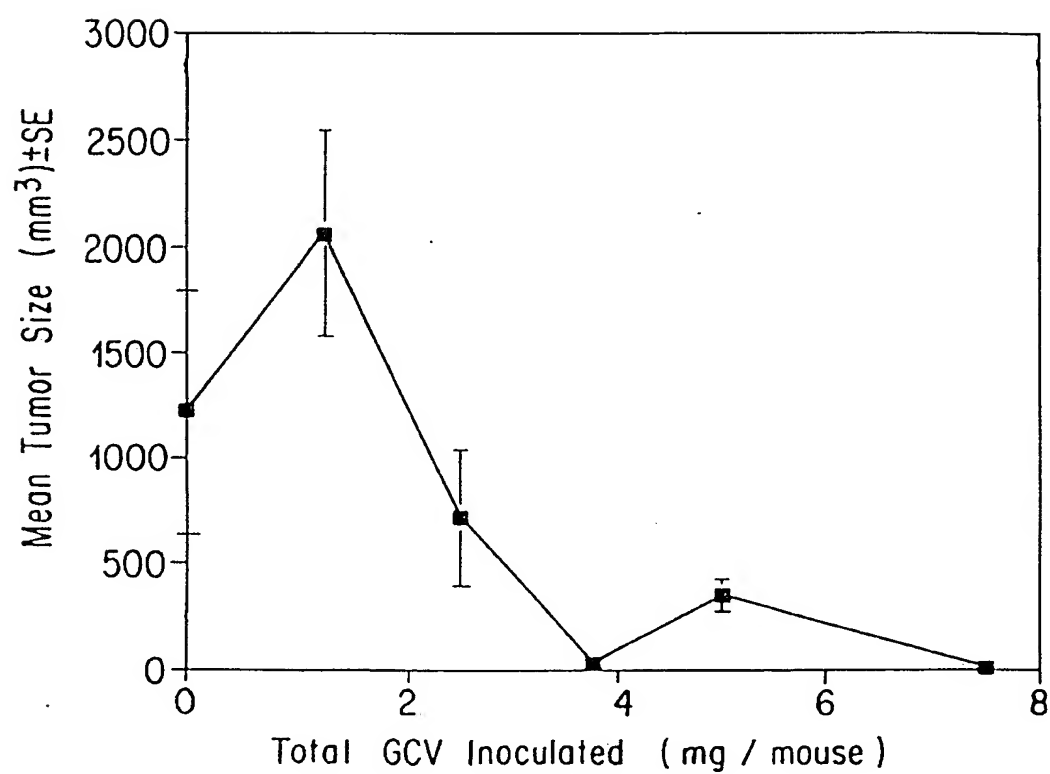


FIG. 11H

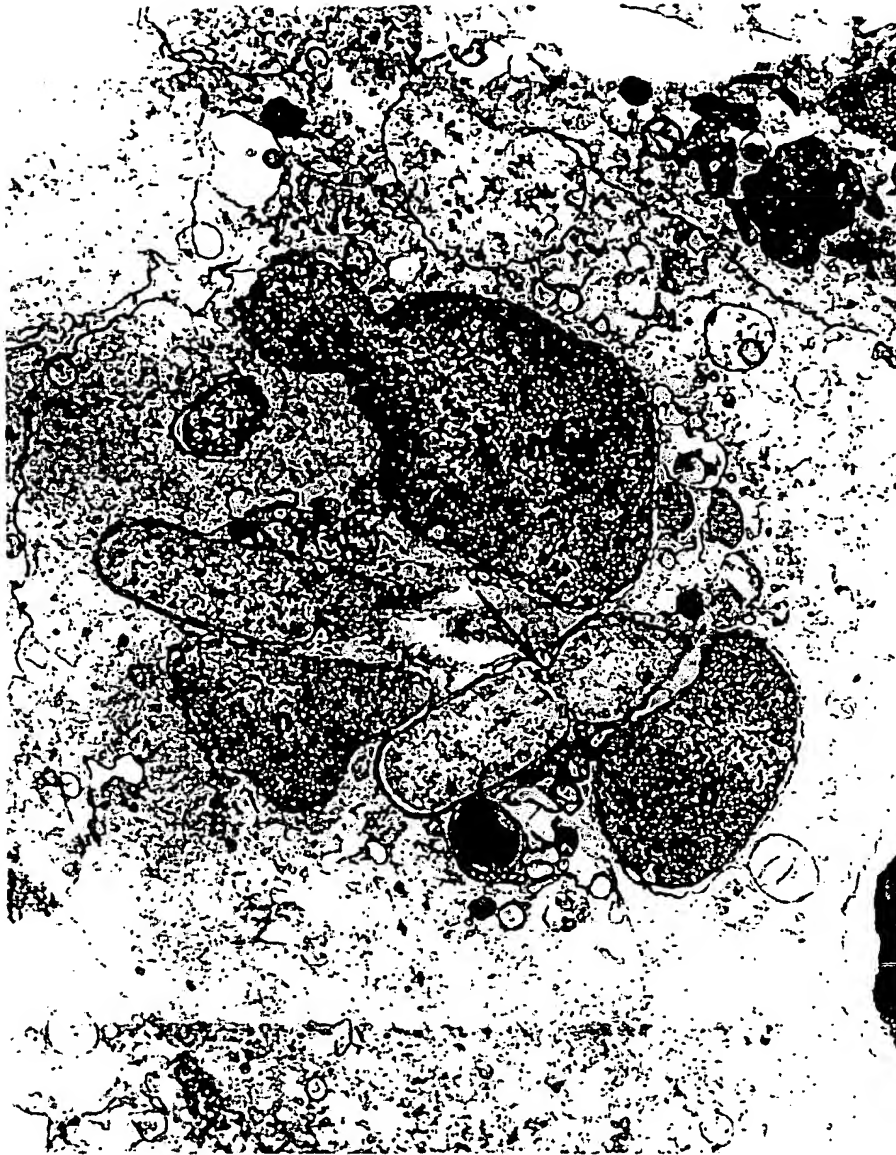


FIG.12A

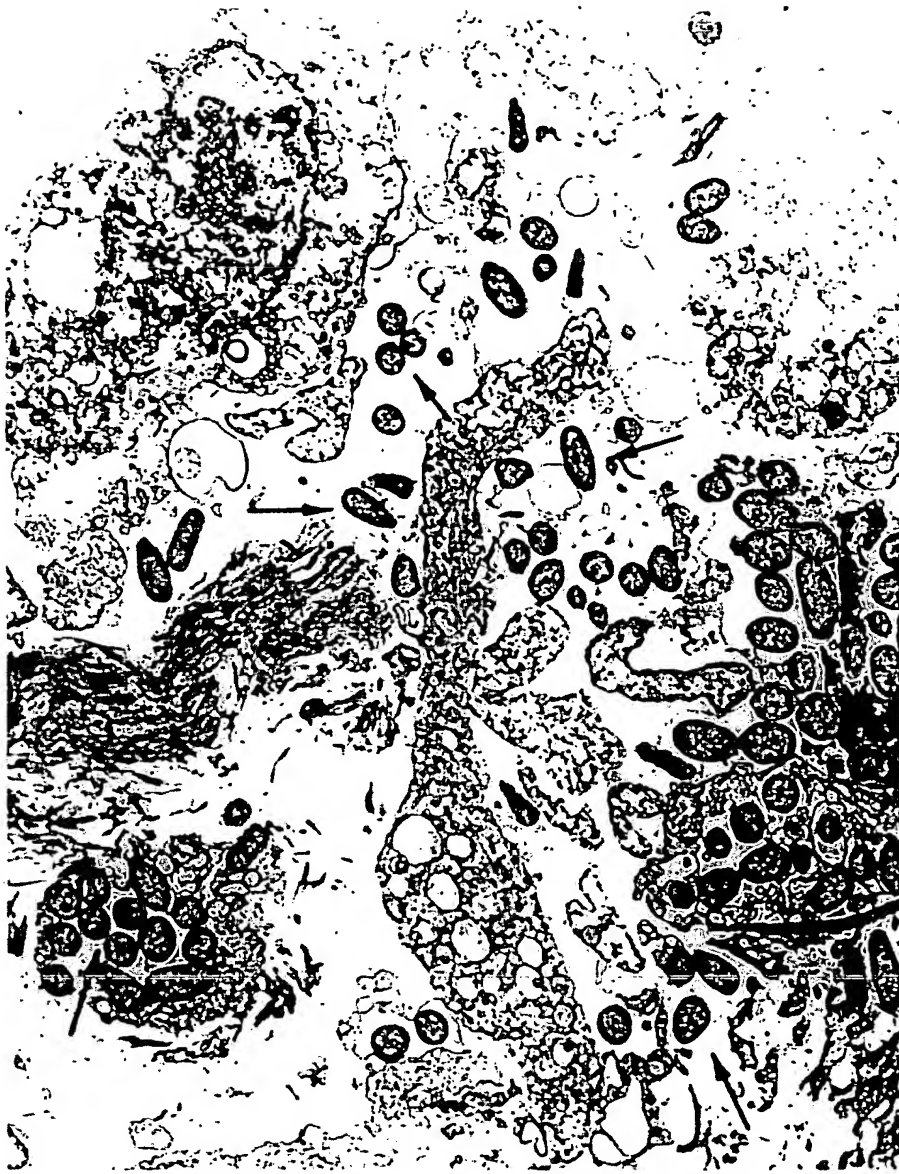


FIG.12B



FIG.13A

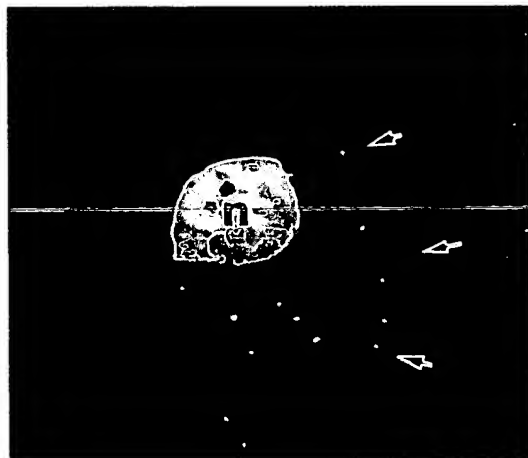


FIG.13B



FIG.14A

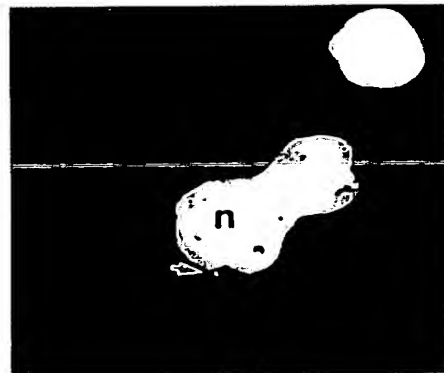


FIG.14B

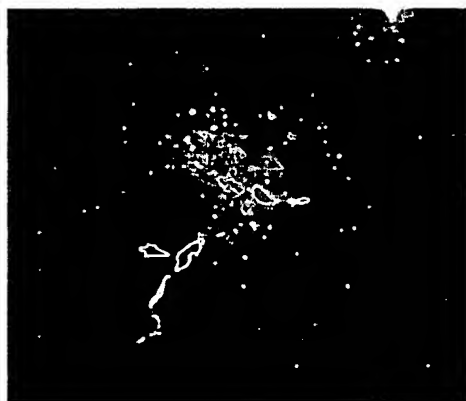


FIG.14C

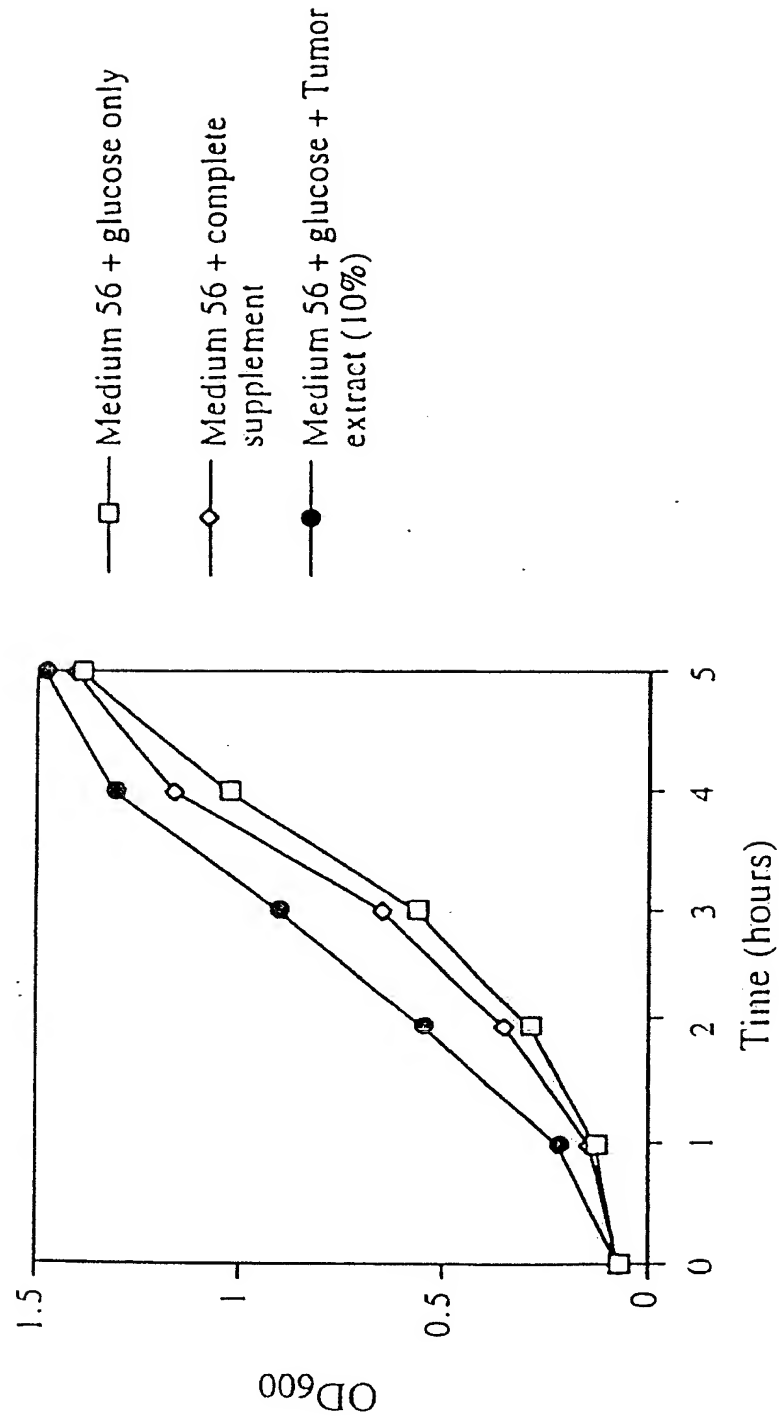


FIG. 15A

30 / 3 7

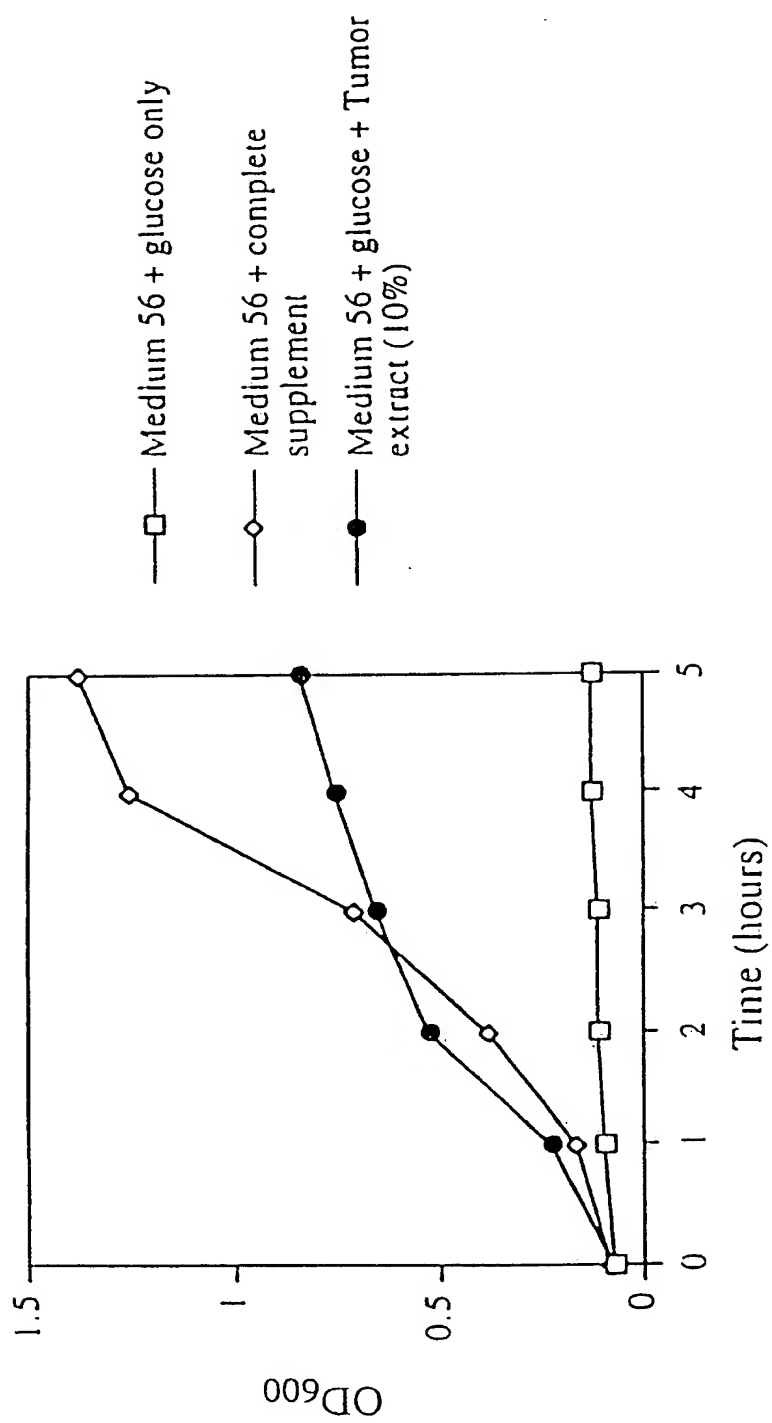


FIG.15B

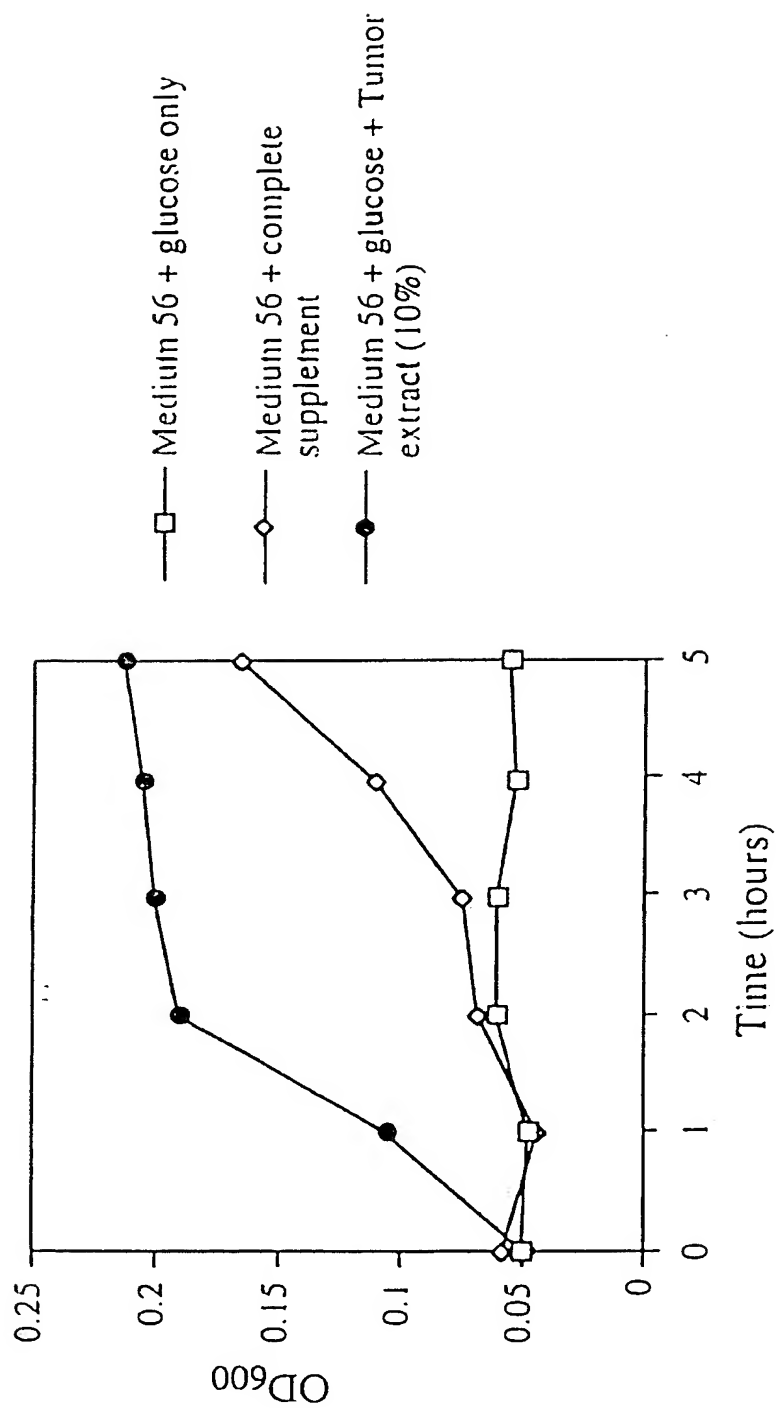


FIG. 15C

32137

Growth of Clones 72 and YS7212 in Human M2 Melanoma Cultures

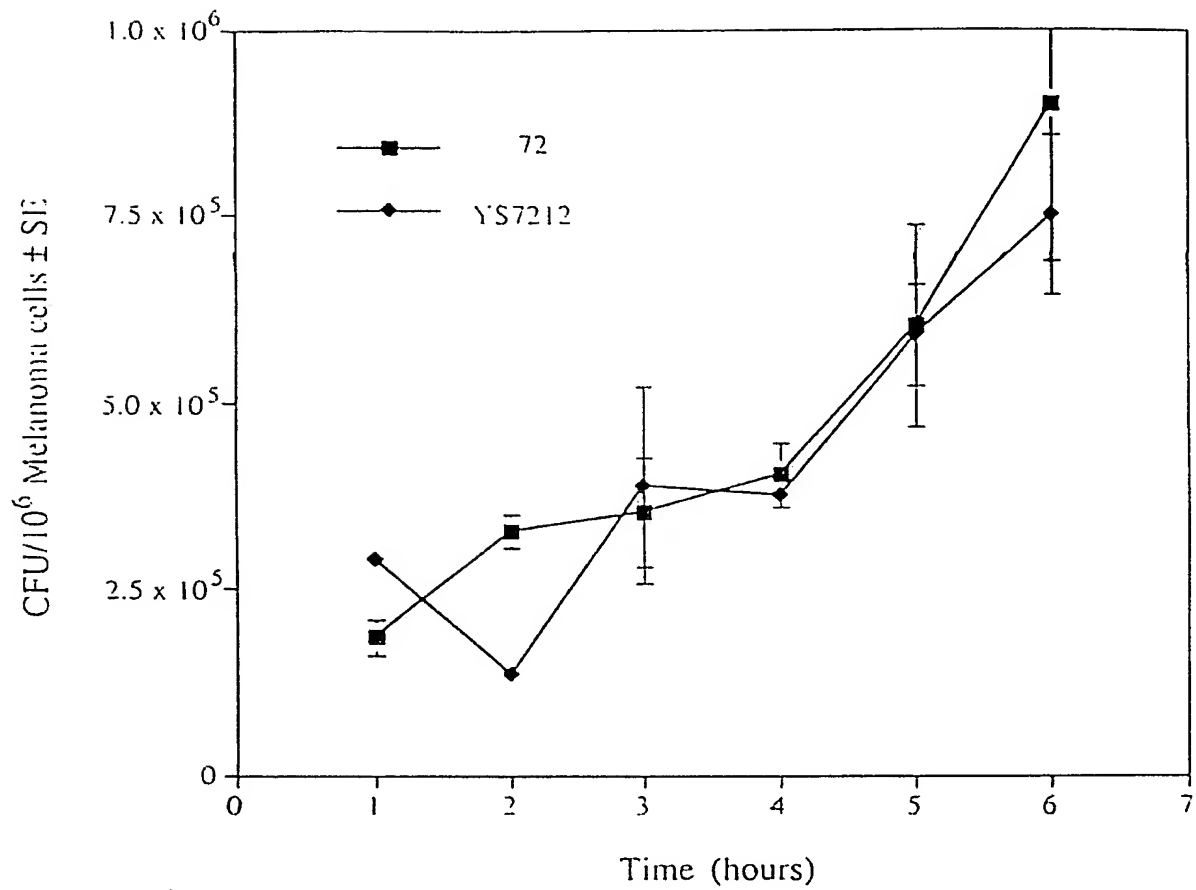


FIG. 15D

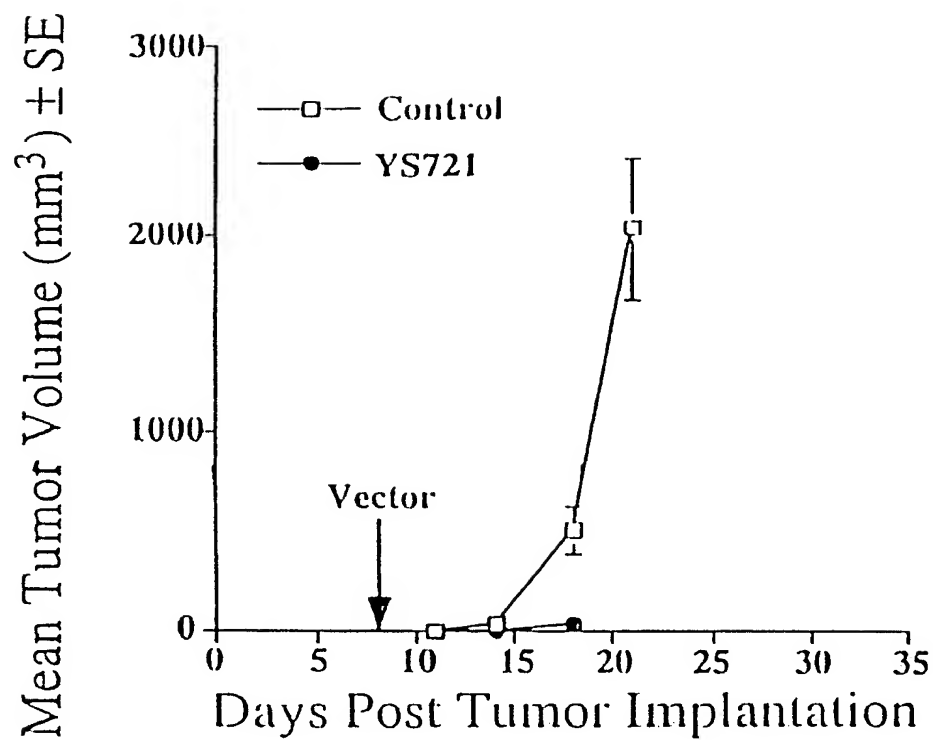


FIG.16A

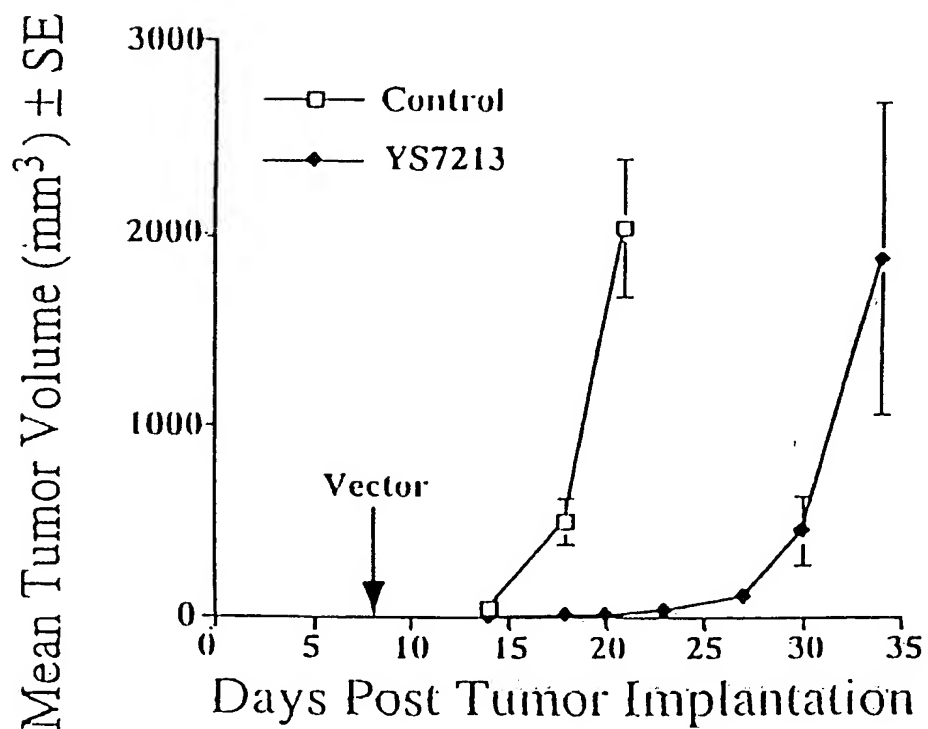


FIG.16B

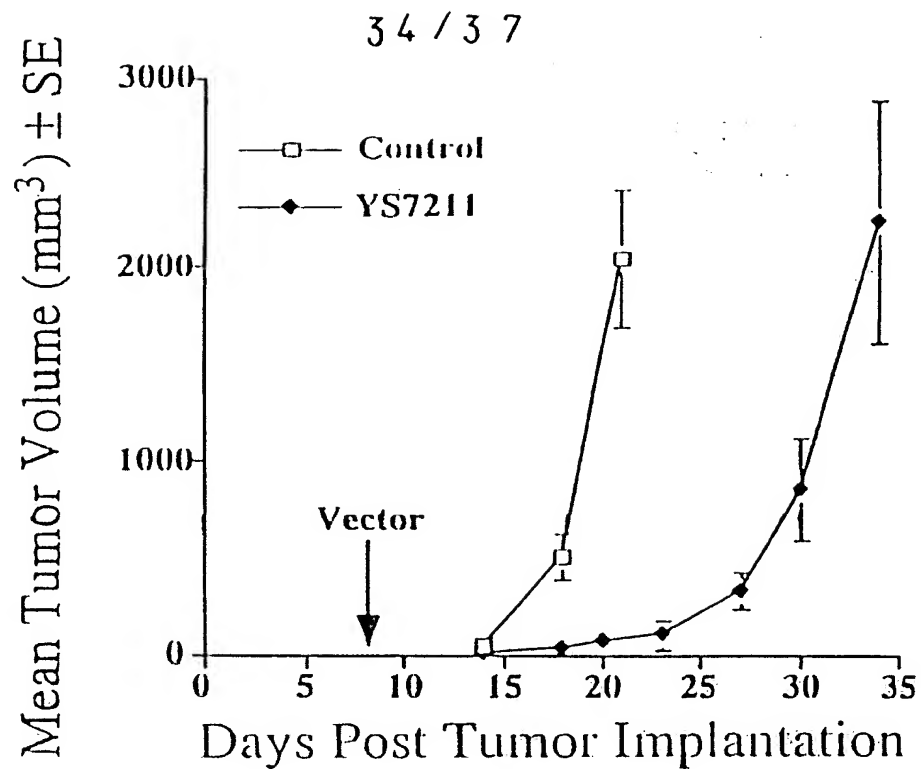


FIG. 16C

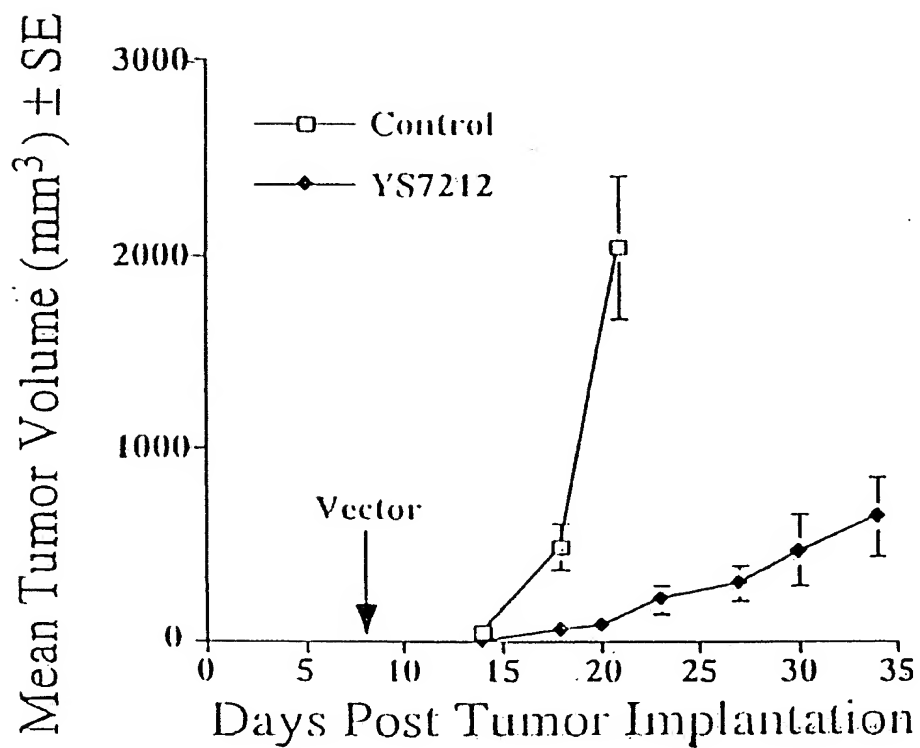


FIG. 16D

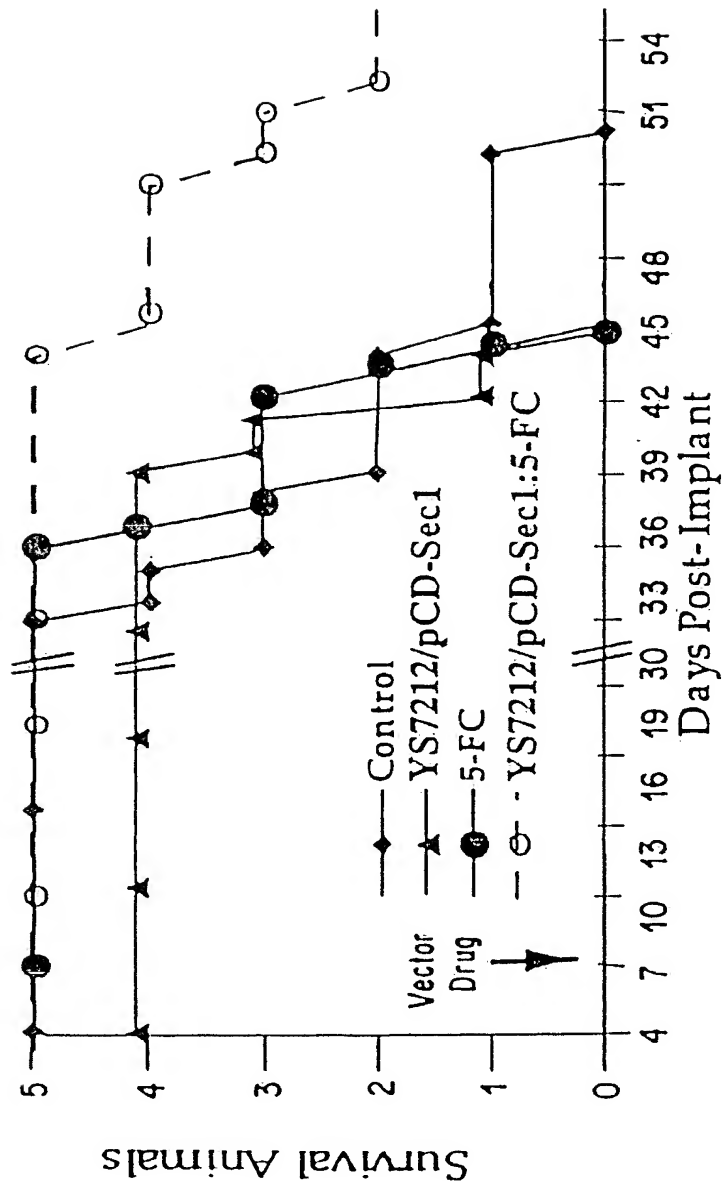


FIG.17

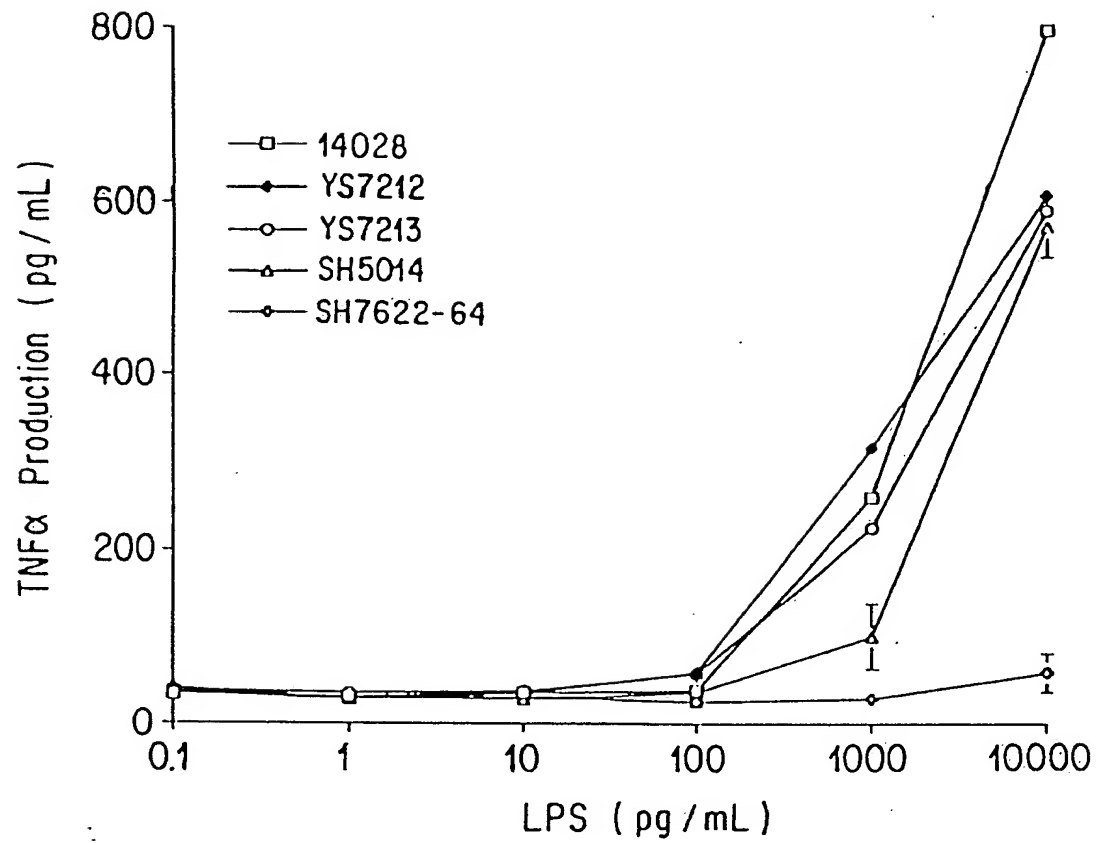


FIG. 18

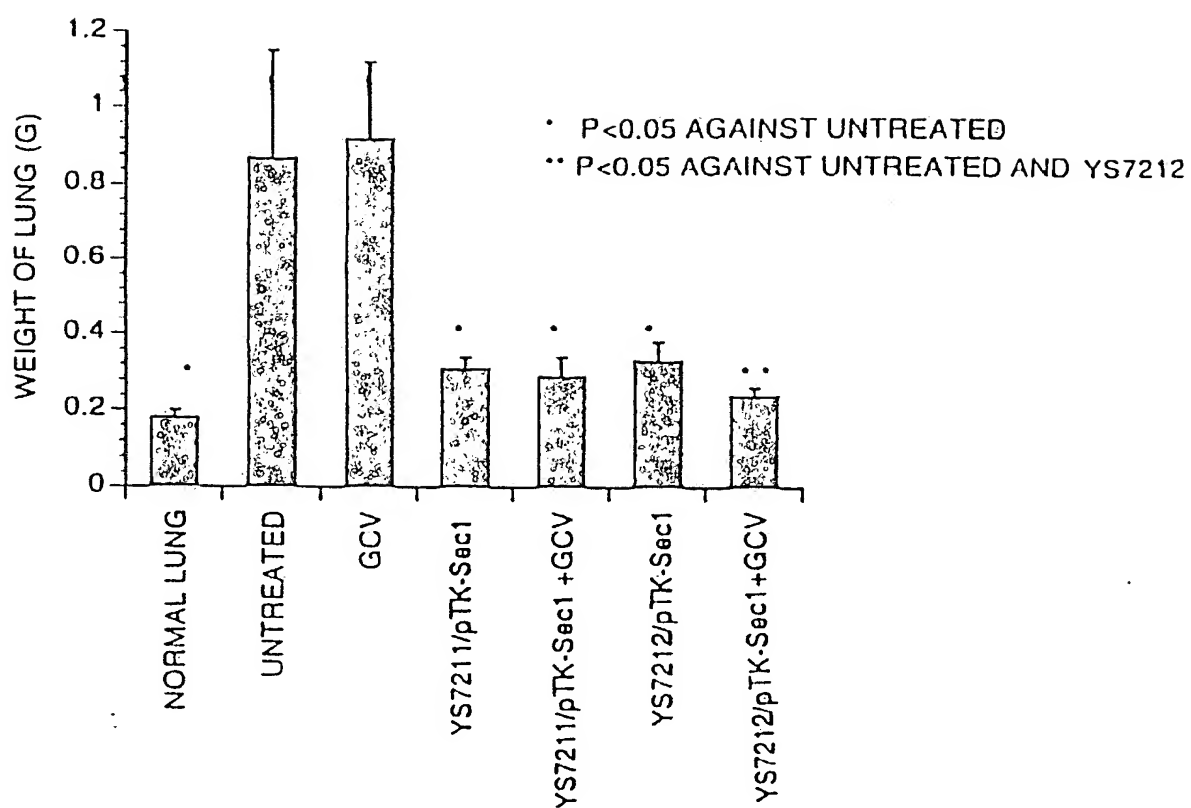


FIG. 19